



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress  
P.O. Box 12967  
Austin, Texas 78701-2967

Status: Submitted  
Date: 06/27/2022  
Tracking No.: 272388

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	BLACKBEARD OPERATING, LLC	Operator	073056
Operator	1751 RIVER RUN SUITE 405 FORT WORTH, TX 76107-0000		

WELL INFORMATION			
API	42-103-36939	County:	CRANE
Well No.:	4007H	RRC District	08
Lease	WADDELL TR A	Field	SAND HILLS (MCKNIGHT)
RRC Lease	05263	Field No.:	80473310
Location	Section: 18, Block: B21, Survey: PSL / WADDELL, W N & CO, Abstract: 1254		
Latitude	31	Longitud	-102
This well is 21 miles in a NW direction from CRANE, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	06/03/2022
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	01/31/2022	875138	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	03/02/2022	Date of first production after rig	06/03/2022
Date plug back, deepening, drilling operation	03/02/2022	Date plug back, deepening, recompletion, drilling operation	03/13/2022
Number of producing wells on this lease this field (reservoir) including this	319	Distance to nearest well in lease & reservoir	162.0
Total number of acres in	22945.00	Elevation	2615 GR
Total depth TVD	3371	Total depth MD	11220
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	120.0 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Neutron/Density logs (combo of tools)		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	7849.0 Feet from the North Line and 12276.0 Feet from the West Line of the WADDELL TR A Lease.	Off Lease :	No

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
PACKET:	N/A		

W2:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	475.0	Date 06/23/2020
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION		
Date of	06/15/2022	Production Pumping
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to 758.00
PRODUCTION DURING TEST PERIOD:		
Oil	196.00	Gas 541
Gas - Oil	2760	Flowing Tubing
Water	342	
CALCULATED 24-HOUR RATE		
Oil	196.0	Gas 541
Oil Gravity - API - 60.:	41.0	Casing
Water	342	

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	9 5/8	12 1/4	630			C	382	643.3	0	Circulated to Surface
2	Conventional Production	5 1/2	8 3/4	11220			C	2154	3907.1	1029	Calculation

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
1	2 7/8	3275	
		<u>Packer Depth (ft.)/Type</u>	
		/	

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 3670	11032.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		Yes	
Is well equipped with a downhole sleeve?		No	
		If yes, actuation pressure	
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing		5000	
		fracturin 4800	
Has the hydraulic fracturing fluid disclosure been		Yes	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
1	Fracture	SEE FRAC FOCUS	3670 11032

FORMATION RECORD					
<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
RUSTLER	Yes	386.0	386.0	Yes	
YATES	Yes	1642.0	1643.0	Yes	
SEVEN RIVERS	Yes	1860.0	1860.0	Yes	
QUEEN	Yes	2404.0	2404.0	Yes	
GRAYBURG - ACTIVE CO2 FLOOD	Yes	2660.0	2660.0	Yes	
SAN ANDRES - USABLE QUALITY WATER / ACTIVE CO2 FLO	Yes	2868.0	2868.0	Yes	
JUDKINS	Yes	3026.0	3022.0	Yes	
MCKNIGHT	Yes	3448.0	3344.0	Yes	
SAN ANGELO	No			No	BELOW TD
GLORIETA	No			No	BELOW TD
PERMIAN GENERAL	No			No	BELOW TD
CLEARFORK	No			No	BELOW TD
TUBB	No			No	BELOW TD
WICHITA ALBANY	No			No	BELOW TD
WOLFCAMP	No			No	BELOW TD
CISCO	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
STRAWN	No			No	BELOW TD
BEND	No			No	BELOW TD
DEVONIAN - ACTIVE CO2 FLOOD	No			No	BELOW TD
FUSSELMAN	No			No	BELOW TD
MONTOYA	No			No	BELOW TD
WADDELL	No			No	BELOW TD
ELLENBURGER	No			No	BELOW TD
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	BELOW TD
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					Yes
Is the completion being downhole commingled			No		

REMARKS

## RRC REMARKS

## OPERATOR'S CERTIFICATION

<b>Printed</b>	Shannon Burk
<b>Telephone</b>	(432) 242-0050

<b>Title:</b>	Regulatory Analyst
<b>Date</b>	06/27/2022